

1983 Annual Index

Abbreviations: (N) - News, (DF) - Design Feature, (SR) - Special Report, (CF) - Cover Feature, (PF) - Product Feature, (PT) - Product Technology Article, (FE) - Front End Item, (US) - Domestic Issues Only

Acoustic wave technology

Selling SAW to an LC world: A view from "the other side" (SR), Nov., p. 74.

SAW Prosperity Depends On Production Readiness (DF), Nov., p. 75.

Personal views on SAW technology (SR), Nov., pp. 76-99.

SAW Filter Basics Guide Designer Choices (DF), Nov., p. 86.

Understanding SAW Resonators (DF), Nov., p. 99.

SAW Device Provides Hyperbolic Chirp (DF), Nov., p. 108.

SAW oscillators feature low phase noise (PF), Jun., p. 119.

Band-reject filters suppress second harmonics (PT), Mar., p. 131.

New suppression standard (FE), Apr., p. 27.

Siemens improves SAW filters (FC), Dec., p. 27.

Amplifiers

The day of the flatpack logamp has arrived (PF), Nov., p. 120.

Calculator Program Speeds Amp Design (DF), Oct., p. 70.

Broadband Amplifier Aids Test Equipment (CF), Dec., p. 89.

Construct this 50-W, 500-to-1000-MHz amp (PT), Nov., p. 128.

Push-Push Design Extends Bipolar Frequency Range (DF), Oct., p. 91.

Hybridization techniques yield miniature flatpack logamps (PF), Nov., p. 120.

Operational amplifier sets new bandwidth mark (PF), Oct., p. 142.

Power MOSFETs handle bipolar amp applications (PT), Jul., p. 128.

GaAs FET amplifier covers 26.5 to 40 GHz in coax and waveguide (PF), Jul., p. 132.

Four MOSFETs Deliver 600 W Of RF Power (DF), Jan., p. 89.

Transform Noise Figure To Noise Temperature (DF), May, p. 153.

Miniature amplifier meets transistor size requirements (CF), Jul., p. 114.

Graphic Design Of Feedback Amps (DF), Mar., p. 78.

Amplifier insights offered at morning panel session (N), Apr., p. 46.

Active phased arrays suggested for mobile satcoms (N), Aug., p. 58.

Antennas and phased arrays

New satellite spacing puts burden on antenna makers (N), Sep., p. 28.

Five-minute mobile antenna (FE), Oct., p. 27.

European Space Agency perfecting reconfigurable contoured-beam antenna (N), Oct., p. 64.

Analyzing Short Dipoles With Nonlinear Loading (DF), Jan., p. 74.

Rhombics probe ionosphere (FE), Jun., p. 23.

New facility handles VORTAC antenna upgrade (N), Jan., p. 44.

New antenna stabilization system (FE), Jun., p. 23.

NBS aids antenna tests (FE), Jan., p. 27.

HF "scaffold" reaches 8 MHz (FE), May, p. 23.

NBS scans antenna near-field (FE), Jul., p. 19.

Reception revived on E-4s, EC-135s (FE), Jan., p. 19.

Business, markets, and economic outlook

Adams-Russell unloads Channel 23 (FE), Aug., p. 27.

Tektronix opens Chinese center (FE), Nov., p. 23.

\$10 billion to talk tactically (FE), Sep., p. 19.

Harris boosts government systems (FE), Oct., p. 27.

Honeywell pushes ICs in Europe (FE), Aug., p. 23.

Stick and stones (FE), Aug., p. 27.

NEC keeps coming (FE), Aug., p. 23.

Acrian, India share technology (FE), Oct., p. 23.

Ericsson wins huge cellular order (FE), Nov., p. 27.

Plessey reorganizes (FE), Nov., p. 19.

Fujitsu sued for patent theft (FE), Oct., p. 23.

Analog engineers in demand (FE), Nov., p. 19.

Matsushita markets T&M equipment (N), Nov., p. 49.

Wireline carriers will ring cellular's bell (N), Oct., p. 62.

IEEE publishes 1983 salary and benefit survey (N), Dec., p. 51.

Venture capital, the new financial frontier (N), Nov., p. 37.

Hybrid industry "frustrates" ICE (FE), Aug., p. 23.

Going public: Views from an expert on raising capital for microwave companies (N), Sep., p. 41.

Taking the fight to Japan (FE), Sep., p. 23.

NBS reviews trade barriers (FE), Nov., p. 27.

Bright future predicted for microwave industry (N), Nov., p. 47.

\$1 billion goes to Sperry (FE), Aug., p. 19.

The world (and selling in it) according to Polarad's Joe Schindler (N), Jun., p. 39.

UK financing lures Wiltron (FE), Jun., p. 23.

DOD presents CAP awards to Wavetek Indiana and Narda (N), Mar., p. 59.

Motorola top IC supplier (FE), Feb., p. 23.

A conversation with Motorola's man in Japan (N), May, p. 28.

TRW recharges Semiconductor Div. (FE), Jul., p. 19.

Mobile phone venture planned (FE), Jan., p. 23.

Digital radio face-off (FE), Apr., p. 19.

Loral buys Xerox's EW unit (FE), Jun., p. 27.

Big boom coming in videotex? (FE), Feb., p. 23.

Inflation and fiscal discipline (FE), Jun., p. 19.

USAF hopes to reduce costs (FE), May, p. 27.

C³ intelligence to boom (FE), May, p. 23.

Overseas R&D probed (FE), Mar., p. 19.

Three joint R&D programs continue industry trend (N), May, p. 47.

The empire strikes back (FE), May, p. 19.

Dynatech to acquire Integra (FE), Feb., p. 19.

Plessey, SA join forces (FE), Feb., p. 27.

UK Home Office jilts "Aunty Beeb" in favor of IBA video system (N), Feb., p. 57.

GaAs IC market domination (FE), May, p. 27.

Alpha shifts emphasis (N), Jan., p. 42.

Two Mideast contracts awarded (FE), May, p. 23.

Turnover rate drops for electronics employees (N), Jul., p. 58.

American HF firms are welcomed in Third World (N), May, p. 42.

Move over, Dick Tracy (FE), Apr., p. 23.

New cellular partnership (FE), Mar., p. 23.

Canada accused of faltering (FE), Jun., p. 23.

A.T.E.'s Harris honored for trade (FE), Jul., p. 19.

Introducing Tsukuba Expo '85 (FE), Jul., p. 27.

Loral to acquire Narda (FE), May, p. 19.

US Commerce Dept. leads counterattack on foreign targeting (N), Jul., p. 28.

Alpha pegs growth on millimeter-wave technology (N), Mar., p. 35.

TRW renames Semiconductor Div. (FE), Dec., p. 19.

Harris gets FEMA contract (FE), Dec., p. 23.

Tektronix gives venture capital (FE), Dec., p. 23.

1983 Annual Index

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New suppression standard (FE), Apr., p. 27.

Siemens improves SAW filters (FC), Dec., p. 27.

Amplifiers

The day of the flatpack logamp has arrived (PF), Nov., p. 120.

Calculator Program Speeds Amp Design (DF), Oct., p. 70.

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Construct this 50-W, 500-to-1000-MHz amp (PT), Nov., p. 128.

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GaAs FET amplifier covers 26.5 to 40 GHz in coax and waveguide (PF), Jul., p. 132.

Four MOSFETs Deliver 600 W Of RF Power (DF), Jan., p. 89.

Transform Noise Figure To Noise Temperature (DF), May, p. 153.

Miniature amplifier meets transistor size requirements (CF), Jul., p. 114.

Graphic Design Of Feedback Amps (DF), Mar., p. 78.

Amplifier insights offered at morning panel session (N), Apr., p. 46.

Active phased arrays suggested for mobile satcoms (N), Aug., p. 58.

Antennas and phased arrays

New satellite spacing puts burden on antenna makers (N), Sep., p. 28.

Five-minute mobile antenna (FE), Oct., p. 27.

European Space Agency perfecting reconfigurable contoured-beam antenna (N), Oct., p. 64.

Analyzing Short Dipoles With Nonlinear Loading (DF), Jan., p. 74.

Rhombics probe ionosphere (FE), Jun., p. 23.

New facility handles VORTAC antenna upgrade (N), Jan., p. 44.

New antenna stabilization system (FE), Jun., p. 23.

NBS aids antenna tests (FE), Jan., p. 27.

HF "scaffold" reaches 8 MHz (FE), May, p. 23.

NBS scans antenna near-field (FE), Jul., p. 19.

Reception revived on E-4s, EC-135s (FE), Jan., p. 19.

Business, markets, and economic outlook

Adams-Russell unloads Channel 23 (FE), Aug., p. 27.

Tektronix opens Chinese center (FE), Nov., p. 23.

\$10 billion to talk tactically (FE), Sep., p. 19.

Harris boosts government systems (FE), Oct., p. 27.

Honeywell pushes ICs in Europe (FE), Aug., p. 23.

Stick and stones (FE), Aug., p. 27.

NEC keeps coming (FE), Aug., p. 23.

Acrian, India share technology (FE), Oct., p. 23.

Ericsson wins huge cellular order (FE), Nov., p. 27.

Plessey reorganizes (FE), Nov., p. 19.

Fujitsu sued for patent theft (FE), Oct., p. 23.

Analog engineers in demand (FE), Nov., p. 19.

Matsushita markets T&M equipment (N), Nov., p. 49.

Wireline carriers will ring cellular's bell (N), Oct., p. 62.

IEEE publishes 1983 salary and benefit survey (N), Dec., p. 51.

Venture capital, the new financial frontier (N), Nov., p. 37.

Hybrid industry "frustrates" ICE (FE), Aug., p. 23.

Going public: Views from an expert on raising capital for microwave companies (N), Sep., p. 41.

Taking the fight to Japan (FE), Sep., p. 23.

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\$1 billion goes to Sperry (FE), Aug., p. 19.

The world (and selling in it) according to Polarad's Joe Schindler (N), Jun., p. 39.

UK financing lures Wiltron (FE), Jun., p. 23.

DOD presents CAP awards to Wavetek Indiana and Narda (N), Mar., p. 59.

Motorola top IC supplier (FE), Feb., p. 23.

A conversation with Motorola's man in Japan (N), May, p. 28.

TRW recharges Semiconductor Div. (FE), Jul., p. 19.

Mobile phone venture planned (FE), Jan., p. 23.

Digital radio face-off (FE), Apr., p. 19.

Loral buys Xerox's EW unit (FE), Jun., p. 27.

Big boom coming in videotex? (FE), Feb., p. 23.

Inflation and fiscal discipline (FE), Jun., p. 19.

USAF hopes to reduce costs (FE), May, p. 27.

C³ intelligence to boom (FE), May, p. 23.

Overseas R&D probed (FE), Mar., p. 19.

Three joint R&D programs continue industry trend (N), May, p. 47.

The empire strikes back (FE), May, p. 19.

Dynatech to acquire Integra (FE), Feb., p. 19.

Plessey, SA join forces (FE), Feb., p. 27.

UK Home Office jilts "Aunty Beeb" in favor of IBA video system (N), Feb., p. 57.

GaAs IC market domination (FE), May, p. 27.

Alpha shifts emphasis (N), Jan., p. 42.

Two Mideast contracts awarded (FE), May, p. 23.

Turnover rate drops for electronics employees (N), Jul., p. 58.

American HF firms are welcomed in Third World (N), May, p. 42.

Move over, Dick Tracy (FE), Apr., p. 23.

New cellular partnership (FE), Mar., p. 23.

Canada accused of faltering (FE), Jun., p. 23.

A.T.E.'s Harris honored for trade (FE), Jul., p. 19.

Introducing Tsukuba Expo '85 (FE), Jul., p. 27.

Loral to acquire Narda (FE), May, p. 19.

US Commerce Dept. leads counterattack on foreign targeting (N), Jul., p. 28.

Alpha pegs growth on millimeter-wave technology (N), Mar., p. 35.

TRW renames Semiconductor Div. (FE), Dec., p. 19.

Harris gets FEMA contract (FE), Dec., p. 23.

Tektronix gives venture capital (FE), Dec., p. 23.

1983 Annual Index *(continued from p. 130)*

CATV applications

- Big Apple gets wired (FE), Sep., p. 23.
- Paying public will decide future of British CATV (N), Aug., p. 45.
- Times nets \$8-million CATV fiber-optic pact (N), Jan., p. 53.
- Premium cable rolls along (FE), Jul., p. 27.
- European CATV boom seen (FE), Mar., p. 23.

Commercial applications

- ABC takes M/A-COM to Olympics (FE), Nov., p. 19.
- Emerging technologies call on Capitol Hill (N), Jun., p. 54.
- New microwave lamp developed (FE), Jan., p. 23.

Communications

- Enter the pen radio (FE), Apr., p. 23.
- ACSB: The quality of FM, without the wasteline (SR), Aug., p. 73.
- Weighing The Options In Radio Relay Receiver Design (DF), Aug., p. 84.
- HDTV won't be cheap (FE), Aug., p. 27.
- SSB technology fights its way into the land-mobile market (SR), Aug., p. 72.
- Stanford instructional TV serves the Bay Area (N), Oct., p. 39.
- Interference bulletin ready (FE), Oct., p. 19.
- Most Reliable Messenger: MM-Waves Get Through (DF), Sep., p. 64.
- RCA files for 46 MDS sites (FE), Oct., p. 23.
- Ericsson and Motorola take cellular lead (N), Aug., p. 55.
- A painful growing period for low-power television (N), Oct., p. 29.
- Design Strategies Aid ELF/VLF Receivers (DF), Sep., p. 75.
- SSE fills Celltech's bill (FE), Aug., p. 23.
- GWEN to carry the word (FE), May, p. 19.
- Multichannel MDS begins (FE), Jan., p. 19.
- Teleconference center opens (FE), Mar., p. 19.
- Digital Modulation Techniques Compared (DF), Apr., p. 93.
- US Navy Begins Shift To Digital Telemetry (DF), Mar., p. 90.
- Programmable calls from the P300 (FE), Jul., p. 23.
- Tunnels of sound (FE), Mar., p. 23.
- Installing 800-MHz Land-Mobile Communications (DF), Mar., p. 69.
- Design Considerations For Deep-Space (Laser) Transmitters (DF), Jan., p. 94.
- Thais keep noise at bay (FE), Feb., p. 19.
- Celltrex comes one step closer (FE), Jun., p. 27.
- Business use guarantees cellular radio success (SR), Mar., p. 28.
- Spectrum scarcity drives land-mobile technology (N), May, p. 35.
- Frequency Hopping Techniques Vary With Frequency (DF), Mar., p. 97.

- The first RF hand-pager? (PF), Feb., p. 101.
- TV bands for English mobiles (FE), Feb., p. 23.
- Vatican com link commemorated (FE), Apr., p. 27.
- Multichannel MDS gets green light (FE), Aug., p. 19.
- Microwaves bridge troubled waters (FE), Jul., p. 23.

Components

- Dual-in-line design simplifies attenuation use (PF), Nov., p. 136.
- Graphs Predict Attenuator Performance (DF), Dec., p. 80.
- Reliability Prediction Made Easy (For EEs) (DF), Jul., p. 107.
- Suspended substrate stripline technology supports MIC components (PF), Jul., p. 126.
- Complex phasor modulators control amplitude and phase simultaneously (PF), Jul., p. 123.
- PIN-Diode Driver Allows Linear RF Attenuation (DF), Apr., p. 83.
- A guaranteed delivery plan (FE), May, p. 19.
- Build a miniature directional coupler (PT), Jun., p. 125.
- Quick-time pulse inversion (PF), Apr., p. 118.
- PIN diode switches shrink in size (PF), Jun., p. 110.
- Innovative configuration simplifies EM switch use (PF), Jun., p. 121.
- Messenger—Marconi's new SSR (FE), Dec., p. 19.
- GEC refits Nigerian radio (FE), Dec., p. 19.
- Cellular system powers up (FE), Dec., p. 19.
- NASA tests 30/20-GHz setup (FE), Dec., p. 23.

Computer assisted techniques

- CAD program aimed at IBM personal computer (PF), Nov., p. 130.
- Computer Aids Design Of Impulse Multipliers (DF), Oct., p. 101.
- NBS aids antenna tests (FE), Jan., p. 27.
- Computer-science techniques hatch new circuit-analysis library (PF), Apr., p. 105.
- TI-59 Program Simplifies Complex-Number Arithmetic (DF), Jun., p. 99.

Conference coverage

- Guide to the 13th European Microwave Conference (N), Aug., p. 32.
- 1983 International Microwave Symposium (N), May, p. 60.

Connectors and cables

- Precision coaxial cables and connectors reach 45 GHz (PT), Sep., p. 131.
- Blind-mating connectors cure modular system woes (PT), Apr., p. 121.

DBS

- PSN to provide "institutional" DBS (FE), Nov., p. 23.

- RARC '83 Resolution (N), Aug., p. 29.
- M/A-COM keeps after DBS (FE), Sep., p. 23.
- US seeking to launch DBS at RARC '83 (N), Jun., p. 28.
- USC's \$600 million order rewrites the early-entry DBS story (N), Apr., p. 43.
- DBS center in Vegas (FE), Feb., p. 23.
- Coplanar waveguide may lead to inexpensive DBS TVROs (N), Jan., p. 39.
- 500,000 DBS viewers predicted (FE), Mar., p. 27.

Design

- Trouble-Free Interfacing Of TTL And RF Components (DF), Oct., p. 122.
- Bridge The Gap From RF To I/O Without Falling In The Cracks (DF), Aug., p. 103.
- Good RF Design Techniques Aid High-Speed TTL Control (DF), Nov., p. 111.
- Interfacing RF Components With TTL Logic Control (DF), Sep., p. 103.
- Decode The Numbers Game Before Tackling Digital RF (DF), Dec., p. 85.
- Use Coupled Lines To Achieve High Impedances In Microstrip (DF), Oct., p. 120.
- Standardized Modules Speed Hybrid Layout And Testing (DF), Jun., p. 76.

Diodes

- Comparing single-diode and balanced power detectors (PT), Aug., p. 120.
- New GaAs Impatt Theory Explains MM-wave Operation (DF), Feb., p. 74.
- PIN-diode limiters picked for space applications (N), Mar., p. 50.
- Si Impatts Exhibit Low Noise At MM-Waves (DF), Feb., p. 68.
- Snap Varactors Prove Useful In High-Factor Multipliers (DF), Jun., p. 95.

EW and military electronics

- US Navy thanks Litton (FE), Nov., p. 27.
- Datron tests RTVS (FE), Sep., p. 19.
- ITT upgrades the AN/ALQ-136 (FE), Oct., p. 23.
- GET PRICE pays off (FE), Oct., p. 27.
- Army gets first GTE jammer (FE), Aug., p. 19.
- Zeus gets Northrop transmitters (FE), Oct., p. 19.
- Hughes producing UHF network (FE), Sep., p. 19.
- Sperry's deep-water sonar (FE), Sep., p. 23.
- Star Wars, the possibility (FE), Sep., p. 27.
- Allied cooperation, integrated systems needed to advance electronic warfare (N), Dec., p. 46.
- On needless avionics removal (FE), Oct., p. 19.
- MILSTAR radio terminals awarded (FE), Nov., p. 23.
- First jammer to get VHSIC (FE), Nov., p. 19.
- Miniature attenuators provide economical DC-to-28.5 GHz coverage (PF), Jan., p. 114.
- ALSC fights image impairment (FE), Jun., p. 19.
- Exotic Geometries Yield High-Fidelity Chaff (DF), Apr., p. 64.

1983 Annual Index *(continued from p. 132)*

Wasp flies alone (N), Jan., p. 61.

Northrop's system produces (FE), Mar., p. 23.

AEGIS ships commissioned (FE), Mar., p. 19.

Roland passes the test (FE), Feb., p. 23.

Filters

Tunable Waveguide Filters: A Practical Design Procedure (DF), Sep., p. 97.

Filter Designs Simplified With Interactive Software (DF), Sep., p. 106.

Tunable bandpass filter helps simplify noise figure measurements (PF), Sep., p. 137.

How component aging affects YIG filter performance (PT), Apr., p. 113.

Closed-loop YIG filters stay on frequency (PT), Apr., p. 107.

Government regulation

Baldrige blasts trade policy (FE), Jan., p. 27.

Microwave links ousted? (FE), Mar., p. 19.

UK telecom law gets teeth (FE), Feb., p. 19.

US theft protection "inadequate" (FE), Jan., p. 23.

Comments sought by FCC (FE), Mar., p. 19.

Instrumentation and measurement

Network analyzer sets resolution standards (PF), Dec., p. 101.

Broadband Amplifier Aids Test Equipment (CF), Dec., p. 89.

Test set aids in tuning VCOs (PF), Oct., p. 150.

Metrology on wheels (FE), Nov., p. 27.

New standards for time (FE), Aug., p. 27.

RF millivoltmeter has broad bandwidth (PF), Aug., p. 111.

Pulse generator combines gigahertz bandwidth with picosecond speed (PF), Oct., p. 145.

Electronic scales help balance inventory (PT), Aug., p. 118.

Reflectometer developments at UK universities (N), Sep., p. 37.

Sweeper plug-in reaches new harmonic horizon (PF), Nov., p. 126.

ITT-Gilliland revamps test range (FE), Nov., p. 23.

Portable measurement system performs path alignments (PF), Sep., p. 138.

Noise-gain analyzer sets measurement accuracy standard (PF), Sep., p. 123.

Evaluate noise figure and noise temperature (PT), Nov., p. 113.

New generation ASAs could use refinements (N), Oct., p. 49.

Machine shop splits hairs to gain competitive edge (PT), Aug., p. 115.

Cut ATE Hardware Costs With Microstrip Switches (DF), Sep., p. 93.

Liquid crystals aid microwave analysis (PF), Apr., p. 119.

Radiation monitors operate to 18 GHz (PF), Mar., p. 123.

Directional components aid the new breed of signal sources (PT), Jan., p. 119.

Service monitor serves land-mobile equipment (PF), Jun., p. 109.

Improved IMD Measurements For GaAs Power FETs (DF), Feb., p. 80.

Miniature noise generator serves measurements from 10 MHz to 26 GHz (PF), Jun., p. 114.

Broadband systems are fully calibrated (PF), Mar., p. 122.

Automated System Eases Loss Measurements (DF), Jan., p. 80.

Economical group-delay analysis (PF), Apr., p. 116.

GenRad offers to lease ATE (FE), Jun., p. 19.

"Intelligent" SNA provides versatile CRT display (PF), Jan., p. 112.

ARTG streamlines round-robin calibration program (N), Jan., p. 31.

NBS, industry grapple with certification of standards labs (N), Jan., p. 31.

Miniature attenuators provide economical DC-to-26.5 GHz coverage (PF), Jan., p. 114.

Universal counters measure frequencies to 26.5 GHz (PF), Jul., p. 125.

Zener voltage tests improved (FE), Jan., p. 27.

Radiation monitors measure potential health hazards (SR), Mar., p. 121.

Automated Testing Revisited—Lessons From An RF Test Site (DF), Jun., p. 83.

NBS brochure available (FE), Mar., p. 27.

Integration arms receiver with low noise floor (CF), Jun., p. 102.

Determine the cost of temperature cycling (PT), Mar., p. 145.

SNA simplifies loss measurements from 10 MHz to 40 GHz (PF), Mar., p. 138.

Analyzing The Needs Of RF Signal Generation (PT), Jan., p. 112.

New Transition Expands Options For SSS Users (DF), Jan., p. 72.

ATE Systems Offer Versatile Accuracy (DF), Jan., p. 64.

EMI antennas delivered (FE), Apr., p. 23.

NBS/IBM claim fastest sampler (FE), Feb., p. 23.

Design ATE Systems For Complex Assemblies (DF), Jun., p. 89.

Stand-alone system calibrates power sensors (PF), Jan., p. 124.

Software tops firmware in RF automated test systems (DF), Jun., p. 84.

Monitors move from ovens to broadbands (PF), Mar., p. 123.

Millimeter-Wave Synthesizers Come of Age (CF), Jan., p. 103.

Time dissemination from NBS (FE), Dec., p. 23.

Microwave Integrated Circuit Techniques Result in

THE ULTIMATE IN PERFORMANCE & RELIABILITY

FOR OUR PROGRAMMABLE
ATTENUATORS & PHASE SHIFTERS
In the .01-18 GHz Frequency Range

	Attenuators	Phase Shifters
Min. Step Size	.25db	2°
Max. Range	130db	360°
Phase Variation	± 5° max	—
Amplitude Variation	—	± .2db max
Repeatability	± .1db	± .5°
Temp. Stability	± .2db	± 1°
Power Handling	UP TO 3KW PEAK, 100 WATTS CW	
Bandwidth	Octave and multioctave bands up to 8 GHz 10-20% bands in the 8-18 GHz range	
Switching Speed	50 nanosec on low power units 500 nanosec on high power units	
Power Supply	5V @ 40 ma/bit typical -15V @ 20 ma/bit typical	
Temp. Range	-55°C to 85°C	
Logic Options	Customer specified, TTL compatible	



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1983 Annual Index *(continued from p. 134)*

Materials

Electrical Properties Govern Substrate Effectiveness (DF), Feb., p. 83.

Crucible switch improves crystals (FE), Jun., p. 27.

MRC hikes substrate capacity (FE), Dec., p. 27.

Medical applications

Brain tumors succumb to new microwave probes (N), Nov., p. 30.

Philips develops HF-based NMR system to speed medical diagnosis in humans (N), Jan., p. 42.

MIC design

Hybrids spotlighted at IEE meeting on MICs (N), Dec., p. 37.

Mixer/preamplifiers are next on the road to integration (PF), Feb., p. 95.

Millimeter waves

E-Plane Circulators Aid MM-Wave Design (DF), Dec., p. 73.

Alpha, Aerojet chase mm-waves (FE), Oct., p. 27.

Most Reliable Messenger: MM-Waves Get Through (DF), Sep., p. 64.

Millimeter-wave telescope to explore the universe (N), Jan., p. 47.

Millimeter-Wave Synthesizers Come of Age (CF), Jan., p. 103.

Miscellaneous

IEEE: Median salary \$40K (FE), Sep., p. 19.

The stamp of approval (FE), Aug., p. 27.

Support, enrollment increase in Adventures in Science (N), Oct., p. 70.

Thielen Fellowship established (FE), Jun., p. 19.

MTT-S approves scholarship (FE), Apr., p. 23.

Asian management get help (FE), Jun., p. 23.

TI prize goes to Gibbons (FE), Jul., p. 23.

Sagan stars at MTT-S '83 (FE), Apr., p. 27.

Raytheon and U-Mass team up to offer microwave master's degree (N), Jul., p. 39.

"Let's Play Engineer" again (FE), Mar., p. 27.

Document center comes East (FE), Jul., p. 27.

Bell Labs awards \$1 million (FE), Feb., p. 27.

He takes over where the schools leave off (N), Feb., p. 28.

Subjectivity in Standards: The Case Of ANSI C95.1-1982 (DF), May, p. 137.

Fierst blasts IEEE (FE), Apr., p. 27.

Gowen to head IEEE (FE), Feb., p. 27.

A half-century of hunches (FE), Jul., p. 19.

Spar backs robotics study (FE), Jul., p. 27.

Pats on the back (FE), Jun., p. 27.

Advanced course coming this fall (FE), Jul., p. 27.

Mixers

Reliably Predict Mixer IM Suppression (DF), Nov., p. 63.

Custom-made. Ready-made. Call INMET.



DC to 18 GHz Performance

Attenuators: SMA, N • Terminations: SMA, N • Equalizers
DC Blocks: SMA inner block, outer block or inner and outer block
Resistors: rod, disc, variable rod, microstrip

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1983 Annual Index (continued from p. 136)

MMICs

- VHF/UHF MMIC arrives as IF amp (PF), May, p. 159.
- GaAs project cooking (FE), Apr., p. 27.
- MMICs fare well at the '1983 ISSCC (N), Apr., p. 45.
- New Si MMICs join growing family (PF), May, p. 163.

Optics and lasers

- Fastest laser in the West (FE), Sep., p. 23.
- Laser diode breaks 6-GHz modulation bandwidth barrier (PF), Oct., p. 140.
- Waveguide Modes Raise Laser Diode Power Level (DF), Aug., p. 93.
- Optical PLLs See The Light (DF), Dec., p. 65.
- Phone companies lead rush to single-mode fiber optics (N), Dec., p. 30.
- NBS debuts 194-nm laser (FE), Aug., p. 27.
- Line-of-sight links Penneys (FE), Sep., p. 27.
- No end in sight for fiber-optic surge (N), Sep., p. 49.
- Caribbean gets fiber-optics (FE), Oct., p. 27.
- Times Fiber marches on (FE), Jul., p. 27.
- Indiana telephone goes public (FE), Jan., p. 19.
- Bell debuts two fiber-optic systems (FE), May, p. 23.
- Times nets \$8-million CATV fiber-optic pact (N), Jan., p. 53.

Design Considerations For Deep-Space (Laser) Transmitters (DF), Jan., p. 94.

- NEC sees the light (FE), Jul., p. 19.
- Peacekeeper system readied (FE), May, p. 27.
- Optic phone link readied (FE), Mar., p. 19.
- Laser link fights interference (FE), Mar., p. 27.
- Optical repeaters need not apply (FE), Jun., p. 27.
- Dialing from laser to laser (FE), Jul., p. 19.
- SpecTran, USAF pursue optics (FE), Dec., p. 27.

Packaging

- A self-contained approach to packaging (SR), Jun., p. 117.
- EEs and MEs combine forces for packaging "can" do (SR), Jun., p. 116.

Radar

- CHIPS chief: Fuzzbusters great (FE), Aug., p. 27.
- Radar balloon fights smuggling (FE), Nov., p. 19.
- Finns buy Plessey's Watchman (FE), Oct., p. 23.
- A Pulse Interval Processor To Fill Intelligence Missions (DF), Oct., p. 115.
- Understanding The Pulse Repetition Interval (DF), Sep., p. 84.
- Police radar review nears (FE), Jan., p. 27.
- Pave Mover proves formidable (N), Jan., p. 61.
- NHTSA begins new round of tests to insure police radar performance (SR), Apr., p. 30.
- Simulate Airborne Radar Environments (DF), Jul., p. 97.
- Plessey wins radar orders (FE), May, p. 27.

Numerically Modeling Sea Backscatter Coefficients (DF), Apr., p. 73.

An industry insider looks at police radar (N), Jun., p. 51.

Over-the-horizon radar detailed at IEE Radar '82 conference (N), Jan., p. 45.

High-resolution wideband radar adds new dimension to imaging (N), Apr., p. 35.

DEW line upgrade nears (FE), Apr., p. 19.

Police enhance radar systems in response to public outcry (SR), Apr., p. 28.

TAS counters cruise missiles (FE), May, p. 19.

Seek Igloo warms up (FE), Feb., p. 19.

Integration Produces Small Ku-Band Altimeter (DF), Jul., p. 79.

Third PAVE PAWS planned (FE), Dec., p. 19.

Deaths of two radar pioneers (FE), Dec., p. 27.

R&D

\$2.75 million awarded to "Centers of Excellence" (N), Jan., p. 44.

Plasma program progresses (FE), Apr., p. 19.

New black hole discovered (FE), Feb., p. 27.

Mirror resolution improves (FE), Apr., p. 19.

Studies show VLF transmissions influence wave propagation (N), Mar., p. 46.

Battelle Columbus establishes labs (FE), Feb., p. 23.

Carvings yield new findings (FE), Mar., p. 23.

Satellite communications and space applications

- Antenna-makers praise FCC (FE), Aug., p. 19.
- Lockheed, Milstar, \$1 billion (FE), Sep., p. 23.
- New satellite spacing puts burden on antenna makers (N), Sep., p. 28.
- Shuttle's payoff depends on satcoms (N), Oct., p. 47.
- Blue skies for new weather-satellite receiver (N), Oct., p. 46.
- GTE sells to Italy (FE), Sep., p. 27.
- Landsat 4 says Hi to TDRS-1 (FE), Oct., p. 23.
- NASA seeks satellite relays (FE), Feb., p. 27.
- Spacecraft fills void (FE), Jan., p. 27.
- ABC buys AvanteK TVROs (FE), Jul., p. 23.
- Westar I put to pasture (FE), Jun., p. 19.
- IRAS working fine (FE), Apr., p. 27.
- K-band spacecraft planned (FE), Apr., p. 19.
- SBS, Italcable sign pact (FE), Jan., p. 19.
- New telecon carrier formed (FE), Jan., p. 19.
- TV beamed Down Under (FE), Feb., p. 19.
- Safety beacon for ships (FE), Jan., p. 27.
- Second Pacific channel leased (FE), Jun., p. 27.
- ATMOS readied for Shuttle (FE), Feb., p. 27.
- Team bids on Son of INMARSAT (FE), Jul., p. 23.
- Pay-TV service expands (FE), Mar., p. 27.

1983 Annual Index *(continued from p. 138)*

GEO/SAT COMM will link remote drilling sites (N), Jun., p. 59.
COMSAT files access plan (FE), May, p. 27.
Suped-up Satcom launched (FE), Jun., p. 23.
Toshiba unveils TVRO (FE), Mar., p. 27.
Ore spotted from space (FE), Feb., p. 19.
RCA expands satcom service (FE), Mar., p. 27.
Sagan to MTT-S: Thanks for engineering excellence (N), Jul., p. 49.
MCI takes 24 transponders (FE), Jun., p. 27.
Nepal joins INTELSAT (FE), Jan., p. 19.
Defense weatherbird operational (FE), Mar., p. 23.
Goonhilly 5 on the air (FE), Apr., p. 23.
Ford makes satcom bid (FE), Feb., p. 27.
Shared spare won't be (N), Mar., p. 48.
RCA sells, plans new birds (FE), Dec., p. 23.

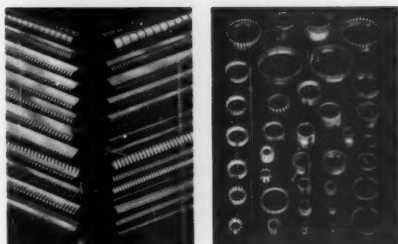
Semiconductors

Cornell tracks 3-D ICs (FE), Aug., p. 23.
Monolithic, Motorola share licenses (FE), Aug., p. 23.
Magnetron ion etcher is dry alternative to wet etching (CF), Aug., p. 109.
A low-cost Aerospace heater (FE), Sep., p. 19.
Shortage of silicon predicted (FE), Sep., p. 27.
High-speed digital processing comes to GaAs (PT), Sep., p. 119.
Sandia's new semiconductor (FE), Aug., p. 23.
Varian wins product award (FE), Nov., p. 23.

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MSC will sell wafers (FE), Oct., p. 19.
Six high-speed ICs (N), Apr., p. 49.
Innovative design marks new GaAs "foundry" (N), Feb., p. 39.
Japanese GaAs facility readied (FE), Jan., p. 19.
Keeping clean-rooms clean (FE), Jun., p. 19.
GaAs memory designed (FE), Apr., p. 19.
Harris keen on VHSC (FE), Jul., p. 27.
TRW's first VHSIC chip (FE), Apr., p. 23.
UK seeks materials source (FE), Jan., p. 23.

Sources

Hermetically sealed DROs are mechanically tunable (PF), Oct., p. 147.
GaAs FET YIG Oscillator Tunes From 26 to 40 GHz (CF), Oct., p. 129.
Dielectric oscillators provide stable LO performance (PF), Dec., p. 99.
18-GHz synthesizer promises high spectral purity (PF), Nov., p. 137 (US).
Computer Aids Design Of Impulse Multipliers (DF), Oct., p. 101.
Thermal Compensation Of Varactor-Tuned Oscillators (DF), Aug., p. 81.
Amplifier Designers' Methods Serve Oscillators Too (DF), Oct., p. 85.
Hyperabrupt Diodes Make Simple VCOs (DF), May, p. 145.
Harmonic Gunn Oscillators Allow Frequency Growth (DF), Apr., p. 75.
Comstron lures OEMs with modular synthesizer (CF), Apr., p. 101.
SAW oscillators feature low phase noise (PF), Jun., p. 119.
Rubidium oscillator emerges as time and frequency standard (PF), May, p. 155.

Systems and subsystems

CAD And Math Techniques Ease Front End Design (DF), Oct., p. 111.
Prototype circuit production provides fast turnaround (PF), Jul., p. 127.
The future of civil avionics (N), Jul., p. 70.
FAA to award contracts for collision avoidance system (N), Jul., p. 71.

Transistors

Efficiency is the watchword at new GaAs FET operation (PT), Sep., p. 114.
Single transistor boasts 55 W CW power at 1400 MHz (PF), Nov., p. 134.
Low-cost, high-gain transistor yields 1 W at 2.3 GHz (PF), Oct., p. 143.
Matched power FETs arrive from unexpected source (PF), Dec., p. 97.
One company's quest for solid-state power (CF), Mar., p. 111.
A Design Cure For Unstable Transistors (DF), Mar., p. 94.
ISOFET Evolution Yields High-Power Devices (PT), Feb., p. 91.
UK scientists describe GaAs FET applications (N), Mar., p. 39.
Single device is 40-W building block (PF), Feb., p. 94.
The quest for power: ISOFETs and bipolar (PT), Feb., p. 92.

Tubes

Varian gyrotron sets record (FE), Oct., p. 19.
New S-band magnetrons (FE), Sep., p. 27.
High-efficiency klystrons in the works for UHF TV (N), Aug., p. 51.
French TWTs for US DBS (FE), Jul., p. 23.
Eimac develops "klystrode" (FE), Jan., p. 23.
Two-Cavity Klystron Uses Single-Cavity Tuning (DF), Apr., p. 87.
Tubes In Space: Very Much Alive (DF), Mar., p. 107.
Tubes make strong showing at digital-oriented IEDM (N), Feb., p. 47.